# BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

## DRAFT TENDER SCHEDULE

**Issued to :**

**Original / Duplicate**

**Name of Work: Improvements to Roads and drain at Chokkanahalli and Thirumenahalli Surrounding area in Ward No.06 Kogilu.**

| Sl. No. | Quantity. | Description | Unit | Rates | |
|---|---|---|---|---|---|
| | | | | In Figures | In Words |
| 1 | 313.12 | Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work | Cum | 204.60 | Rupees Two Hundred Four and Sixty Paise Only |
| 2 | 52.05 | Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. | Cum | 6109.40 | Rupees Six Thousand One Hundred Nine and Forty Paise Only |
| 3 | 100.29 | Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately) | Cum | 6893.04 | Rupees Six Thousand Eight Hundred Ninety Three and Four Paise Only |
| 4 | 6.18 | Supplying, Fitting and Placing TMT Fe550 bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. | tonne | 101387.00 | Rupees One Hundred One Thousand Three Hundred Eighty Seven Only |

| Sl. No. | Quantity. | Description | Unit | Rates | |
|---|---|---|---|---|---|
| | | | | In Figures | In Words |
| 5 | 270.63 | Providing and Fixing pre cast covering Slab 100mm thick made out of CC , Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per Engineer incharge. | Sqm | 2072.00 | Rupees Two Thousand Seventy Two Only |
| 6 | 13.92 | Providing and Fixing pre cast covering Slab 230mm thick made out of CC , Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per Engineer incharge. | Sqm | 5037.00 | Rupees Five Thousand Thirty Seven Only |
| 7 | 324.76 | Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work. In all kinds of soils upto 300 mm depth. | Cum | 71.50 | Rupees Seventy One and Fifty Paise Only |
| 8 | 324.76 | Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density | Cum | 2633.40 | Rupees Two Thousand Six Hundred Thirty Three and Forty Paise Only |
| 9 | 1623.78 | Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means | Sqm | 46.20 | Rupees Forty Six and Twenty Paise Only |
| 10 | 81.19 | Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification | Cum | 10052.90 | Rupees Ten Thousand Fifty Two and Ninety Paise Only |
| 11 | 1623.78 | Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.25 kg/m2 on the prepared bituminous surface cleaned with mechanical broom | Sqm | 15.40 | Rupees Fifteen and Forty Paise Only |

| Sl. No. | Quantity. | Description | Unit | Rates | |
|---|---|---|---|---|---|
| | | | | In Figures | In Words |
| 12 | 64.95 | Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 percent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade,level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction | Cum | 11672.10 | Rupees Eleven Thousand Six Hundred Seventy Two and Ten Paise Only |
| 13 | 60.14 | Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes. | Sqm | 525.80 | Rupees Five Hundred Twenty Five and Eighty Paise Only |
| 14 | 637.88 | Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3) | Cum | 129.80 | Rupees One Hundred Twenty Nine and Eighty Paise Only |
| 15 | 816.48 | Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km | t.Km | 105.60 | Rupees One Hundred Five and Sixty Paise Only |

"DTS APPROVED"

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ಬೃಪತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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**Note:**

1 Item for which no rate or price has been entered in will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of quantities (refer: ITB Clause 7.2 and CC Clause 33.2)

2 Unit rates and prices shall be quoted by the Tender in Indian rupees.

3 Where there is a discrepancy between the rate in figures and words the rates in words will govern (ITB Clause 19.1(a)

4 Where there is a discrepancy between the unit rate and the line item total resulting from multyplying the unit rate by quantity the unit rate quoted shall govern (ITB Clause 19.1(b))